Application No.: 10/584,710

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A process for preparing a fluoropolymer containing at least one kind of fluoroolefin, which comprises carrying out polymerization in the presence of a surfactant represented by the formula (1):

$$R^{1} - C - R^{2}$$

$$L$$

$$M^{+}$$
(1)

(wherein R¹ and R² may be the same or different respectively and represent an alkyl group or an alkenyl group, R³ is a hydrogen atom, an alkyl group or an alkenyl group, the total carbon number of R¹ to R³ is 2 to 25, L⁻ is a group represented by -SO₃⁻, -OSO₃⁻, -PO₃⁻, -OPO₃⁻ or -COO⁻, and M⁺ is a monovalent cation).

2. (currently amended): The process for preparing a fluoropolymer<u>of claim 1</u>, wherein the surfactant is a surfactant represented by the formula (2):

$$\begin{array}{c}
H \\
| \\
R^{1} - C - R^{2} \\
\downarrow \\
L^{1} \\
M^{+}
\end{array}$$
(2)

(wherein R¹ and R² represent an alkyl group or an alkenyl group having a total carbon number of 2 to 25, and may be the same or different respectively, L⁻ is a group represented by -SO₃⁻, -OSO₃⁻, -PO₃⁻, -OPO₃⁻ or -COO⁻, and M⁺ is a monovalent cation).

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3. (previously presented): The process for preparing a fluoropolymer of claim 1, wherein the total carbon number is 10 to 20.

- 4. (previously presented): The process for preparing a fluoropolymer of claim 1, wherein the polymerization is polymerization for preparing a seed particle.
- 5. (previously presented): The process for preparing a fluoropolymer of claim 1, wherein the fluoroolefin is 1,1-difluoroethylene.